

Table 1
Analytical Results for Confirmation Soil Samples Collected
from Excavation PCB1, PCBs and TPH
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

PCB Excavation 1

Sample ID	Date	PCBs	TPHd	TPHmo
EXC-PCB-1 W-SIDEWALL 2' NORTH 2	11/10/2009	<0.050	NA	NA
EXC-PCB-1 N-SIDEWALL 2' WEST 2	11/10/2009	0.069	NA	NA
EXC-PCB-1 S-SIDEWALL 2' EAST	11/4/2009	<0.050	NA	NA
EXC-PCB-1 S-SIDEWALL 2' WEST	11/4/2009	<0.050	NA	NA
EXC-PCB-1 N-SIDEWALL 2' WEST	11/6/2009	<0.050	NA	NA
EXC-PCB1 N-SDWALL-2'-EAST2	11/11/2009	<0.050	NA	NA
EXC-PCB-1 E-SIDEWALL 2' NORTH	11/6/2009	<0.050	NA	NA
EXC-PCB-1 E-SIDEWALL 2' SOUTH	11/6/2009	<0.050	NA	NA
EXC-PCB1 E-SDWALL-2'-NORTH2	11/11/2009	<0.050	NA	NA
EXC-PCB-1 NW2 BOTTOM 4'	11/10/2009	<0.050	NA	NA
EXC PCB1-NW-BOTTOM4'-R2	11/23/2009	<0.050	NA	NA
EXC-PCB-1 NE BOTTOM 4'	11/6/2009	<0.050	NA	NA
EXC-PCB1E-NE2-BOTTOM 4'	11/11/2009	<0.050	NA	NA
EXC-PCB1E-NE3-BOTTOM 4'	11/11/2009	<0.050	NA	NA
EXC-PCB-1 CENTER BOTTOM 4'	11/6/2009	0.074	NA	NA
EXC-PCB-1 SW BOTTOM 4'	11/6/2009	0.058	NA	NA
EXC-PCB-1 SE BOTTOM 4'	11/6/2009	<0.050	NA	NA
EXC TPH/PCB1-SW-BOTTOM6'-R2	11/23/2009	0.720	NA	NA
EXC TPH/PCB1 SE-BOTTOM 4'-R	11/17/2009	<0.050	NA	NA
EXC TPH/PCB1 NW-BOTTOM 4'	11/17/2009	<0.050	NA	NA
EXC TPH/PCB1W-BOTTOM4'-R	11/24/2009	<0.050	NA	NA
EXC TPH/PCB1 S-SDWALL2'-EAST-R	11/18/2009	<0.050	NA	NA
EXC TPH/PCB1 N-SDWALL2'-WEST-R	11/21/2009	<0.049	<1.0	<50
EXC TPH/PCB1 S-SDWALL2'-WEST-R	11/18/2009	<0.050	<0.99	<50
EXC TPH/PCB1 W-SDWALL2'-SOUTH-R2	11/24/2009	<0.050	0.99	<50
EXC TPH/PCB1W-SDWALL2'-NORTH-R	11/24/2009	<0.050	0.99	<50
REGULATORY CONCENTRATIONS				
Soil Cleanup Goal		0.130	450	800

Table 2
Analytical Results for Confirmation Soil Samples Collected
from Excavation PCB2, PCBs
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

PCB Excavation 2

Sample ID	Date	PCBs
EXC-PCB-2 W-SIDEWALL 2'	11/4/2009	<0.050
<i>EXC-PCB-2 E2-SIDEWALL 2'</i>	<i>11/10/2009</i>	<0.050
EXC-PCB-2 SO-SIDEWALL 2'	11/4/2009	<0.050
EXC-PCB-2 N-SIDEWALL 2'	11/4/2009	<0.050
EXC-PCB-2 CENTER BOTTOM 4'	11/5/2009	<0.050
REGULATORY CONCENTRATIONS		
Soil Cleanup Goal		0.130

Notes:

PCBs = polychlorinated biphenyls

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test method.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

* Denotes the soil sample was collected approximately 3 feet below grade.

Table 3
Analytical Results for Confirmation Soil Samples Collected
from Excavation PCB3, PCBs, SVOCs, and Metals
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

PCB Excavation 3

Sample ID	Notes	Date	PCBs	benzo(a)pyrene	benzo(a)anthracene	benzo(k)fluoranthene	chrysene	naphthalene	Arsenic	Lead
EXC PCB3 N-BOTTOM4'		11/21/2009	< 0.050	NA	NA	NA	NA	NA	NA	NA
EXC PCB3 S-BOTTOM4'		11/21/2009	< 0.050	NA	NA	NA	NA	NA	NA	NA
EXC PCB3-SE-CORNER4'		11/23/2009	< 0.049	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	4.3	5.4
<i>EXC PCB3-NE-CORNER3'R1</i>		<i>12/8/2009</i>	<i>0.270</i>	NA	NA	NA	NA	NA	7.1	NA
EXC PCB3-E1-SDWALL2'R1		12/8/2009	< 0.050	NA	NA	NA	NA	NA	100	NA
EXC PCB3-E2-SDWALL2'		11/23/2009	< 0.050	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	< 3.8	5.4
EXC PCB3-NW-Corner 3'	1	11/23/2009	0.550	< 0.067	< 0.33	0.11	0.19	< 0.067	41	12
EXC PCB3-SW-CORNER4'		11/23/2009	< 0.050	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	5.4	6.1
EXC PCB3-W1-SDWALL2'		11/23/2009	0.210	< 0.066	< 0.33	< 0.066	< 0.066	< 0.066	160	12
EXC PCB3-W2-SDWALL2'	2	11/23/2009	8.700	< 0.066	< 0.33	< 0.066	< 0.066	< 0.066	61	13
EXC PCB3-W3-SDWALL2'		11/23/2009	< 0.050	< 0.066	< 0.33	< 0.066	< 0.066	< 0.066	9.2	7.4
EXC PCB3-N-SDWALL2'		11/23/2009	< 0.050	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	87	48
EXC PCB3-N-SDWALL2'R1		12/8/2009	< 0.050	NA	NA	NA	NA	NA	27	NA
EXC PCB3-S-SDWALL2'		11/23/2009	< 0.049	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	62	4.5
REGULATORY CONCENTRATIONS										
Soil Cleanup Goal			0.130	0.13	1.3	1.3	21	2.8	7	80

Notes:

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test method 8082.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

PCBs = polychlorinated biphenyls

1 - Sample contained phenanthrene 0.088; fluoranthene 0.28; pyrene 0.28; benzo[b]fluoranthene 0.18; and benzo[a]pyrene 0.15

2 - Sample contained: pyrene 0.079; benzo(b) fluoranthene 0.013; and benzo[g,h,i]perylene 0.10

NA = parameter not analyzed

Table 4
Analytical Results for Confirmation Soil Samples Collected
from Excavation PCB3, TPH and VOCs
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Excavation PCB3

Sample ID	Date	TPHg	TPHmo	TPHd	Benzene	Toluene	Ethyl benzene	Total Xylenes	Ethylene Dibromid	1,2-DCA
EXC PCB3-NW-CORNER3'	11/23/2009	< 250	68	37	< 0.0049	< 0.0049	< 0.0049	< 0.0099	< 0.0049	< 0.0049
EXC PCB3-S-SDWALL2'	11/23/2009	< 250	< 50	16	< 0.005	< 0.005	< 0.005	22	< 0.005	< 0.005
EXC PCB3-SE-CORNER4'	11/23/2009	< 240	< 50	4.6	< 0.0048	< 0.0048	< 0.0048	< 0.0098	< 0.0048	< 0.0048
EXC PCB3-NE-CORNER3'	11/23/2009	< 250	< 49	9.3	< 0.0049	< 0.0049	< 0.0049	< 0.0099	< 0.0049	< 0.0049
EXC PCB3-E1-SDWALL2'	11/23/2009	< 250	59	31	< 0.0049	< 0.0049	< 0.0049	< 0.0098	< 0.0049	< 0.0049
EXC PCB3-E2-SDWALL2'	11/23/2009	< 240	< 50	15	< 0.0049	< 0.0049	< 0.0049	< 0.0097	< 0.0049	< 0.0049
EXC PCB3-SW-CORNER4'	11/23/2009	< 240	< 49	< 0.99	< 0.0049	< 0.0049	< 0.0049	< 0.0097	< 0.0049	< 0.0049
EXC PCB3-W1-SDWALL2'	11/23/2009	< 250	< 49	1.7	< 0.005	< 0.005	< 0.005	< 0.0099	< 0.005	< 0.005
EXC PCB3-W2-SDWALL2'	11/23/2009	< 250	< 50	12	< 0.005	< 0.005	< 0.005	< 0.010	< 0.005	< 0.005
EXC PCB3-N-SDWALL2'	11/23/2009	< 250	< 50	16	< 0.005	< 0.005	< 0.005	< 0.010	< 0.005	< 0.005
EXC PCB3-W3-SDWALL2'	11/23/2009	< 250	< 49	< 0.99	< 0.005	< 0.005	< 0.005	< 0.010	< 0.005	< 0.005
REGULATORY CONCENTRATIONS										
Soil Cleanup Goal		450	800	450	0.27	NE	NE	NE	0.13	1.3

Notes:

TPHg = total petroleum hydrocarbons in the gasoline-range (C5-C12)

TPHd = total petroleum hydrocarbons in the diesel-range (C10-C28)

TPHmo = total petroleum hydrocarbons in the motor oil-range (C24-C36)

1,2-DCA = 1,2-dichloroethane, commonly known as ethylene dichloride (EDC)

NE = none established

Samples analyzed by TestAmerica Laboratories Inc. for TPHg, TPHd, and TPHmo by EPA test method 8015B; benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA test method 8260A.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

Table 5
Analytical Results for Confirmation Soil Samples Collected
from Excavation PCB4, PCBs
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

PCB Excavation 4

Sample ID	Date	PCBs
EXC PCB4-N-SDWALL2'	11/21/2009	0.084
EXC-PCB4-N2-SDWALL2'	11/21/2009	<0.050
<i>EXC PCB4-S1-SDWALL2'R1</i>	<i>12/8/2009</i>	0.230
EXC-PCB4-S2-SDWALL2'	11/21/2009	0.200
<i>EXC PCB4-W-SDWALL2'R1</i>	<i>12/8/2009</i>	0.066
EXC PCB4-E-SDWALL2'	11/21/2009	0.120
EXC-PCB4-W-BOTTOM4'	11/21/2009	0.170
<i>EXC-PCB4-W-BOTTOM6'R1</i>	<i>12/8/2009</i>	<0.049
EXC-PCB4-E-BOTTOM4'	11/21/2009	<0.049
REGULATORY CONCENTRATIONS		
Soil Cleanup Goal		0.130

Notes:

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test method.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

PCBs = polychlorinated biphenyls

Table 6
Analytical Results for Confirmation Soil Samples Collected
from Excavation 4, TPH and VOCs
Former Pacific Electric Motors Site
1009 66th Avenue Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Excavation 4

Sample ID	Date	TPHg	TPHmo	TPHd	Benzene	Toluene	Ethyl benzene	Total Xylenes	Ethylene Dibromid	1,2-DCA
EXC4-NORTH1-SDWALL1'	11/20/09	<0.240	1,200	320	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049
EXC4-25'NORTH1-SDWALL1'	11/27/09	<0.250	5.1	<50	<0.005	<0.005	<0.005	<0.0099	<0.005	<0.005
EXC4-25'NORTH7-SDWALL1'	11/27/09	<0.250	990	<250	9	9	9	<0.0099	<0.0049	<0.0049
EXC4-SOUTH2-SDWALL1'	11/20/09	1.3	4,200	850	0.012	0.0092	0.019	0.170	<0.0049	<0.0049
EXC4-SOUTH4-SDWALL1'	11/21/09	<0.250	15	150	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005
EXC4-SOUTH5-SDWALL1'	11/21/09	<0.240	230	2,400	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049
EXC4-SOUTH6-SDWALL1'	11/21/09	<0.250	53	490	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049
EXC4-SOUTH7-SDWALL1'	11/21/09	<0.250	42	450	<0.0049	<0.0049	<0.0049	<0.0099	<0.0049	<0.0049
EXC4-SOUTH-4A-SDWALL1'	11/27/09	<0.250	<0.99	<50	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049
EXC4-SOUTH-4B-SDWALL1'	11/27/09	<0.240	<0.99	<49	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049
EXC4-SOUTH-4C-SDWALL1'	11/27/09	<0.240	32	120	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049
EXC4-EAST1-SDWALL1'	11/21/09	<0.250	250	430	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005
EXC4-EAST6-SDWALL1'	11/21/09	<0.240	350	3,000	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047
EXC4-EAST7-SDWALL1'	11/21/09	<0.240	590	3,100	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047
EXC4-EAST8-SDWALL1'	11/21/09	<0.250	17	<99	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005
EXC4-EAST2--SDWALL1'	11/19/09	<0.250	64	17	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005
EXC4-EAST3--SDWALL1'	11/19/09	<0.240	<50	<1.0	<0.0048	<0.0048	<0.0048	<0.0095	<0.0048	<0.0048
EXC4-EAST4--SDWALL1'	11/19/09	<0.250	190	54	<0.005	<0.005	<0.005	0.014	<0.005	<0.005
EXC4-EAST5--SDWALL1'	11/19/09	<0.240	<50	3.2	<0.0047	<0.0047	<0.0047	<0.0095	<0.0047	<0.0047
REGULATORY CONCENTRATIONS										
Soil Cleanup Goal		450	800	450	0.27	NE	NE	NE	0.13	1.3

Notes:

TPHg = total petroleum hydrocarbons in the gasoline-range (C5-C12)

TPHd = total petroleum hydrocarbons in the diesel-range (C10-C28)

TPHmo = total petroleum hydrocarbons in the motor oil-range (C24-C36)

1,2-DCA = 1,2-dichloroethane, commonly known as ethylene dichloride (EDC)

NE = none established

Samples analyzed by TestAmerica Laboratories Inc. for TPHg, TPHd, and TPHmo by EPA test method 8015B; benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA test method 8260A.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

Table 7
Analytical Results for Confirmation Soil Samples Collected
from Excavation 4, PCBs, SVOCs, and Metals
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	PCBs	benzo(a)pyren e	benzo(a) anthracene	benzo(k) fluoranthene	chrysene	naphthalene	Arsenic	Lead
EXC4-N1-SDWALL1'-R	01/05/10	0.470	NA	NA	NA	NA	NA	NA	8.7
EXC4-NORTH2-SDWALL1'	11/20/09	0.290	<0.33	<1.6	<0.33	<0.33	<0.33	16	53
EXC4-NORTH3-SDWALL1'	11/20/09	<0.050	<0.066	<0.33	<0.066	<0.066	<0.066	6.7	17
EXC4-NORTH4-SDWALL1'	11/20/09	<0.050	<0.066	<0.33	<0.066	<0.066	<0.066	110	27
EXC4-NORTH5-SDWALL1'	11/20/09	<0.050	<0.067	<0.33	<0.067	<0.067	<0.067	49	20
EXC4-NORTH6-SDWALL1'	11/20/09	<0.050	<0.33	<1.6	<0.33	<0.33	<0.33	47	29
EXC4-50'NORTH1-SDWALL1'	11/30/09	0.360	NA	NA	NA	NA	NA	4.1	NA
EXC4-50'NORTH2-SDWALL1'	11/30/09	0.730	NA	NA	NA	NA	NA	4.7	NA
EXC4-50'NORTH3-SDWALL1'	11/30/09	0.250	NA	NA	NA	NA	NA	39	NA
EXC4-50'NORTH3-SDWALL1'-	11/30/09	0.250	NA	NA	NA	NA	NA	4.3	NA
EXC4-50'NORTH4-SDWALL1'	01/05/10	NA	NA	NA	NA	NA	NA	13	67
EXC4-SOUTH2-SDWALL1'	11/20/09	0.059	<6.7	<33	<6.7	<6.7	<6.7	5.3	15
EXC4-SOUTH3-SDWALL1'	11/21/09	<0.050	<3.3	<16	<3.3	<3.3	<3.3	4.4	15
EXC4-SOUTH4-SDWALL1'	11/21/09	<0.048	<0.67	<3.3	<0.67	<0.67	<0.67	4.6	4.1
EXC4-SOUTH5-SDWALL1'	11/21/09	<0.049	<6.6	<33	<6.6	<6.6	<6.6	<4.1	4.0
EXC4-SOUTH6-SDWALL1'	11/21/09	<0.049	<1.7	<8.2	<1.7	<1.7	<1.7	6.3	6.2
EXC4-SOUTH7-SDWALL1'	11/21/09	<0.050	<3.3	<16	<3.3	<3.3	<3.3	5.5	6.2
EXC4-South-4A-SDWALL1'	11/30/09	<0.050	NA	NA	NA	NA	NA	5.2	11
EXC4-South-4B-SDWALL1'	11/30/09	<0.050	NA	NA	NA	NA	NA	5.5	9.7
EXC4-South-4C-SDWALL1'	11/30/09	<0.050	NA	NA	NA	NA	NA	56	100
EXC4-South-4C-SDWALL2*	12/21/09	NA	NA	NA	NA	NA	NA	30	8.1
EXC4-EAST1-SDWALL1'	11/21/09	<0.490	<0.067	<0.33	<0.067	<0.067	<0.067	150	34
EXC4-EAST6-SDWALL1'	11/21/09	<0.049	<6.6	<33	<6.6	<6.6	<6.6	11	78
EXC4-EAST7-SDWALL1'	11/21/09	<0.050	<3.3	<16	<3.3	<3.3	<3.3	11	61
EXC4-EAST8-SDWALL1'	11/21/09	<0.050	<1.7	<8.2	<1.7	<1.7	<1.7	13	48
EXC4-EAST2--SDWALL1'	11/19/09	<0.050	<0.33	<1.6	<0.33	<0.33	<0.33	120	64

Table 7
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Former Pacific Electric Motors Site
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concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	PCBs	benzo(a)pyren e	benzo(a) anthracene	benzo(k) fluoranthene	chrysene	naphthalene	Arsenic	Lead
EXC4-EAST3-SDWALL1'	11/19/09	< 0.050	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	80	14
EXC4-EAST4-SDWALL1'	11/19/09	< 0.050	< 0.33	< 1.6	< 0.33	< 0.33	< 0.33	58	37
EXC4-EAST5-SDWALL1'	11/19/09	< 0.050	< 0.067	< 0.33	< 0.067	< 0.067	< 0.067	170	75
REGULATORY CONCENTRATIONS									
Soil Clean-Up Goal		0.130	0.13	1.3	1.3	21	2.8	7	80

Notes:

PCBs = polychlorinated biphenyls

TPHd = total petroleum hydrocarbons in the diesel-range (C10-C28)

TPHmo = total petroleum hydrocarbons in the motor oil-range (C24-C36)

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA test method 8082; semivolatile organic compounds by EPA test method 8270C; metals by EPA Test method 6010 series.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

*EXC-4-South-4C-SDWALL2' was originally mislabeled as EXC-4-South-46-SDWALL2' and is titled as such in the lab reports.

NA = parameter not analyzed

Table 8
Analytical Results for Confirmation Soil Samples Collected
from Excavations 1 and 2, Metals
Former Pacific Electric Motors Site
1009 66th Avenue, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Excavation 1			
Sample ID	Date	Arsenic	Lead
EXC1-FINAL-NW	02/11/10	8.2	120
EXC1-FINAL-NE	02/11/10	8.0	310
EXC1-FINAL-EAST	02/11/10	5.0	32
EXC1-FINAL-SE	02/11/10	9.7	520
EXC1-FINAL-SW	02/11/10	9.9	34
EXC1-FINAL-WEST	02/11/10	6.3	78
Excavation 2			
EXC2-FINAL-EAST	02/11/10	11	44
EXC2-FINAL-SE	02/11/10	7.5	64
EXC2-FINAL-SW	02/11/10	9.6	35
EXC2-FINAL-WEST	02/11/10	10	170
EXC2-FINAL-NW	02/11/10	8.6	160
EXC2-FINAL-NE	02/11/10	7.6	110
REGULATORY CONCENTRATIONS			
Cleanup goal		7	80

Notes:

Samples analyzed by TestAmerica Laboratories Inc. for metals by EPA Test method 6010 series.

Bold font denotes results above soil cleanup goal.